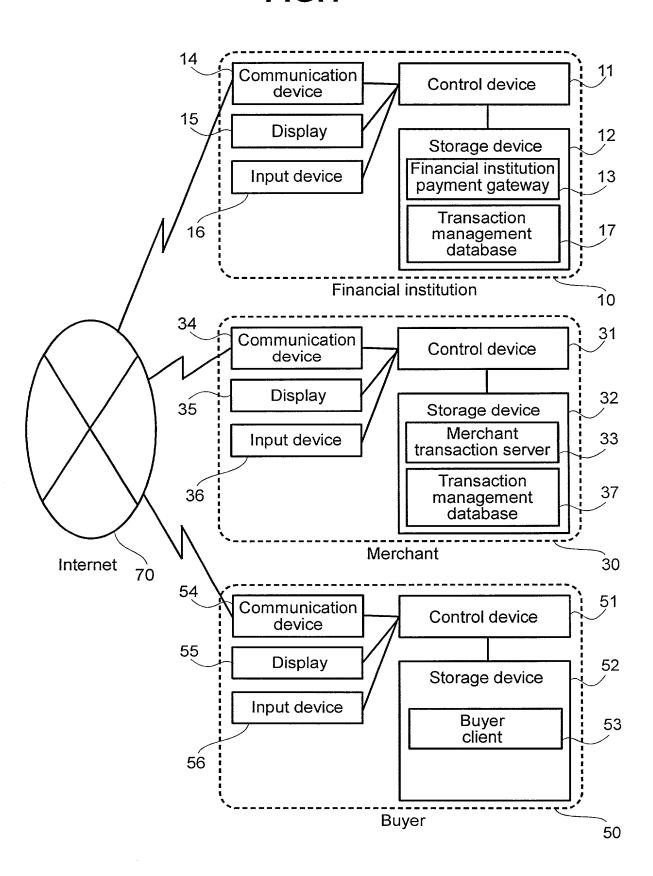
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FIG.1



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processing information Passphrase 4H81bd7g Payment amount 10,000 Passphrase Rt4uH52*Vj S234A654 Merchant identifier 223 203 account number account number 123-2-1234567 321-1-765432 54321A12345 **User identifier** Customer Merchant 202 222 A1999072409876 54321A12345 User identifier Transaction identifier S234A654 Merchant identifier 201 Customer management data 200 Merchant management data 210 Transaction management data 220

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Billing request sent Transaction 305 status 123 Main Street, ... Shipping address 324 Billing amount 10,000 304 54321A12345 User identifier S234A654 Merchant identifier Quantity 303 313 323 N www.xxx.yyy Financial institution Network address 302 322 312 Product G12B Transaction identifier Transaction identifier M9876543 M9876543 Financial institution **ABC Bank** 301 311 321 Merchandise sales transaction management data 320 management data 300 Financial institution data 310 Billing transaction

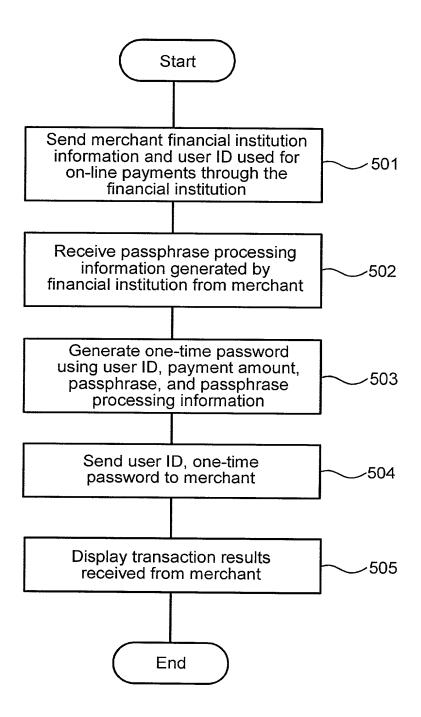
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institution Financia Passphrase processing information response Request passphrasé processing information (User ID, billing amount, merchant ID) (Passphrase processing information) (User ID, one-time password) Payment response Payment request (Results) Merchant (Passphrase processing information) Request purchase 406 (User ID, one-time password) (User ID, financial institution) Purchase start response Select payment method Request purchase start Purchase response Browse products 409 (Results) 403 Buyer (user)

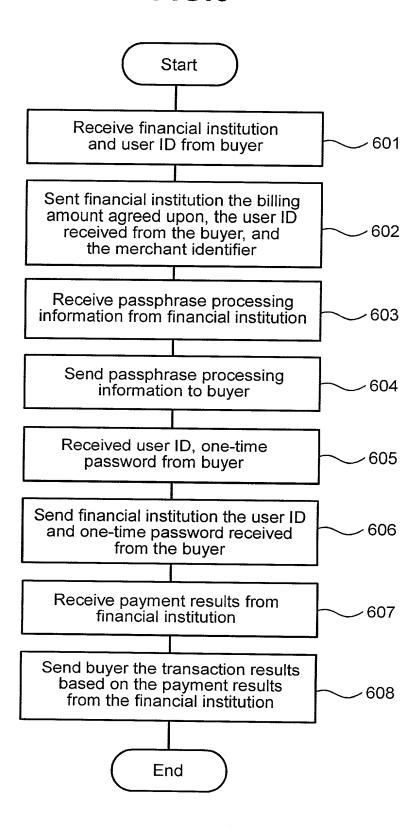
FIG.4

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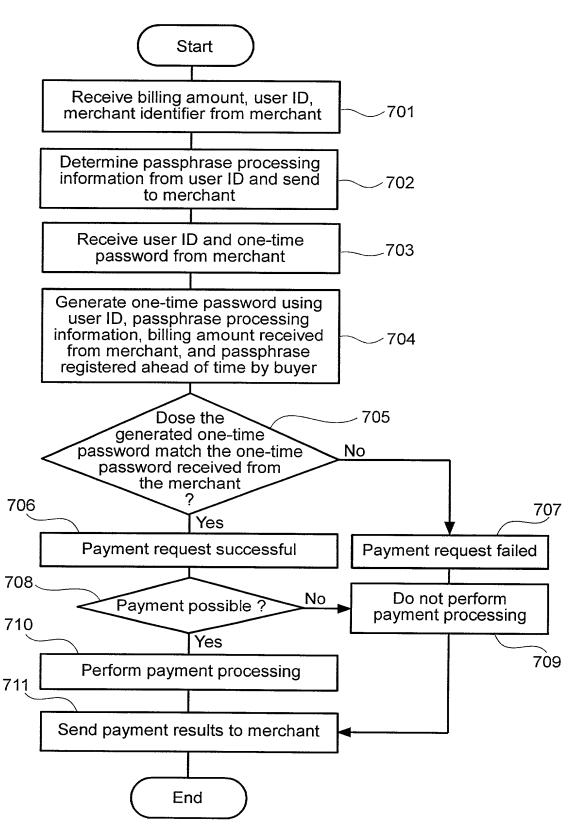
FIG.5



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FIG.8

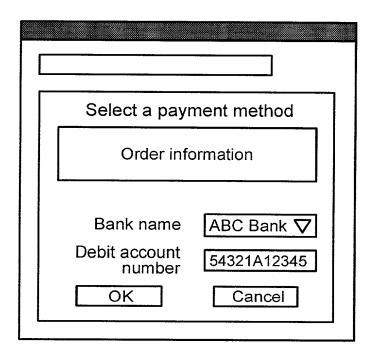
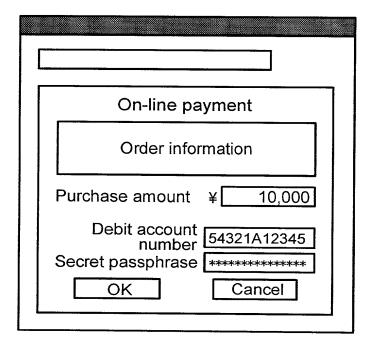


FIG.9



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FIG.11

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institution Financial Passphrase processing information response Request passphrase processing information (Passphrase processing information) (User ID, billing amount, merchant ID) (Passphrase processing information) \sim 1107 Query responsé Query requést Payment response (Payment results) (Results) (User ID, Passphrase processing information, one-time password) Merchant ~ 1106 (Passphrase processing information) Payment request (User ID, financial institution) Purchase start response Select payment method Request purchase start Browse products 1105 Buyer (user)

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